

INTERNATIONAL SEARCH REPORT

Inter Application No
PC 1/GB2004/005452

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L21/18 H01S5/026

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	AIMEZ V ET AL: "HIGH PRECISION METAL MASKING FOR MULTIPLE WAVELENGTH LASER DIODE FABRICATION USING SINGLE STEP ION IMPLANTATION INDUCED QUANTUM WELL INTERMIXING" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 4087, 12 June 2000 (2000-06-12), pages 607-615, XP009002640 ISSN: 0277-786X cited in the application the whole document	1-36
A	WO 01/67497 A (NTU VENTURES PTE LTD; FINNIE, PETER, JOHN; OOI, BOON, SIEW; LAM, YEE,) 13 September 2001 (2001-09-13) abstract	1-36

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☒ Further documents are listed in the continuation of box C.

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* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- *8* document member of the same patent family

Date of the actual completion of the international search

28 June 2005

Date of mailing of the international search report

06/07/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Le Meur, M-A

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 027 989 A (POOLE ET AL) 22 February 2000 (2000-02-22) abstract</p> <p>-----</p>	1-36

INTERNATIONAL SEARCH REPORT

indicates patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0167497	A	13-09-2001	WO 0167569 A1	13-09-2001
			WO 0167499 A1	13-09-2001
			AT 280445 T	15-11-2004
			AU 774678 B2	01-07-2004
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			CN 1416589 A	07-05-2003
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